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IEPA #: 1191150001

USEPA #: ILD980700967

## **PUBLIC NOTICE OF RCRA PERMIT MODIFICATION**

The Illinois Environmental Protection Agency (IEPA) has approved a modification to the Resource Conservation and Recovery Act (RCRA) permit held by BP Amoco for their Main Plant facility located at 301 Evans Ave., Wood River, IL 62095. The Main Plant is currently undergoing corrective action under its current RCRA permit.

The Administrative Record is available for public review by appointment only, Monday through Friday between 9:00 a.m. and 5:00 p.m. Please telephone the Illinois EPA contact below for an appointment to view the documents at Illinois EPA's offices in Springfield.

Mara McGinnis, Public Involvement Coordinator (#5)

Illinois Environmental Protection Agency

1021 North Grand Avenue East, P. O. Box 19276

Springfield, Illinois 62794-9276

Phone: 217/524-3288

(TDD: 217-782-9143)

For further RCRA information, go to: <http://www.epa.gov/epawaste/wycd/manag-hw/e00-001a.pdf>



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

TO: Persons on the Hazardous Waste Management Program "Long List" Mailing List  
All Hazardous Waste Management Program Staff

FROM: Elizabeth M. Browne, Chief  
Office of Waste Management and Radiological Protection *E-MB*

DATE: October 30, 2013

SUBJECT: Amendments to Administrative Rules Promulgated Pursuant to Part 111, Hazardous Waste Management, of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Act 451); ORR Number 2012-108 EQ

On October 29, 2013, a set of amendments to the administrative rules promulgated pursuant to Part 111 were filed with the Michigan Department of State, Office of the Great Seal. In accordance with Michigan's Administrative Procedures Act, 1969 PA 306, as amended, the rules become effective on November 5, 2013.

**Summary of Revisions**

The rules package contains amendments based on both changes to the federal Hazardous Waste Management Program administered pursuant to the Resource Conservation and Recovery Act of 1976, as amended by the 1984 Hazardous and Solid Waste Amendments, and recommendations from the Michigan Department of Environmental Quality (MDEQ), regulated community, and general public (state-initiated amendments). The federal revisions relate to the following subject areas: hazardous waste identification and listing, comparable fuels exclusion, universal wastes, manifesting, standards for academic laboratories, treatment standards, air standards, spent lead-acid battery requirements, and testing and monitoring standards updates.

The state-initiated revisions pertain to: hazardous waste identification and listing, manifesting, records availability, environmental protection standards, changes to reflect statutory revisions pertaining to the abolishment of the former site review board and streamlining of the permitting and licensing processes, certified local health departments, hazardous waste emergencies, updates to information associated with items adopted by reference in the rules, typographical corrections, and removal of duplicative text.

**Availability of Rules**

Copies of the rules are available in both hard copy and electronic format. To obtain a hard copy of the full set of currently effective rules, please send your written request, along with a preaddressed, 12-inch by 15-inch envelope capable of holding 250 pages of paper to:

Administrative Rules  
Hazardous Waste Section  
Office of Waste Management and Radiological Protection, Floor 4-South  
Michigan Department of Environmental Quality  
P.O. Box 30241  
Lansing, Michigan 48909-7741

The rules are also available in electronic format for viewing or download via the MDEQ Internet home page located at <http://www.michigan.gov/deq> and select "Waste" (left side), select "Hazardous and Liquid Industrial Waste," select "Hazardous and Liquid Industrial Waste Management," and scroll down and select "Statutes and Rules."

### **Long List Maintenance**

In order to keep the Long List current, please provide the name, title, organization, mailing address, and e-mail address of the person in your organization who should receive future mailings on proposed revisions to Part 111 and its rules with your written request, if requesting a hard copy, or via e-mail, if obtaining electronically, to Ms. Ronda L. Blayer, Environmental Engineering Specialist, Hazardous Waste Section, OWMRP at [blayer@michigan.gov](mailto:blayer@michigan.gov). Please be advised that failure to respond by requesting a hard copy of the rules or advising the OWMRP, in writing, of your wish to remain on the Long List will result in your name being removed from the list.

### **Questions**

If you have questions regarding the rules, please contact Ms. Blayer at 517-284-6555, or you may contact me at 517-284-6551.

### **Attachment**

cc: Jose Cisneros, U.S. Environmental Protection Agency, Region 5  
Gary Victorine, U.S. Environmental Protection Agency, Region 5  
Mary Setnicar, U.S. Environmental Protection Agency, Region 5  
William Creal, MDEQ  
Bryce Feighner, MDEQ  
Harold R. Fitch, MDEQ  
G. Vinson Hellwig, MDEQ  
Liane J. Shekter Smith, MDEQ  
Robert Wagner, MDEQ  
OWMRP Supervisors, MDEQ  
OWMRP Secretaries, MDEQ  
Ronda L. Blayer, MDEQ  
Amendment 10, Rules Correspondence File, Draft 5, MDEQ  
cc/att: Judy Greenberg, U.S. Environmental Protection Agency, Region 5  
S. Peter Manning, Michigan Department of Attorney General  
Jim Sygo, Deputy Director, MDEQ



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

PAT QUINN, GOVERNOR

JOHN J. KIM, INTERIM DIRECTOR

IEPA #: 1191150001

Permit Log #: B-147R-M-5

Notice #: PB-01-12

USEPA #: ILD980700967

Initial Publication: May 9, 2012

## PUBLIC NOTICE OF HAZARDOUS WASTE PERMIT MODIFICATION

The Illinois Environmental Protection Agency (EPA) hereby gives notice of intent to modify a Resource Conservation and Recovery Act (RCRA) permit held by BP Products of North America Inc. for their closed Main Plant refinery property at 301 Evans Ave., Wood River, Illinois. The terms of the current permit require ongoing corrective action at the site. The modification would allow a remediated parcel of the property to be removed from the permit in order to allow its redevelopment, however, groundwater under the parcel would remain governed by the permit.

The interested public is invited to review copies of the permit application, draft permit decision and related fact sheet, at the following location:

Wood River Public Library  
326 E. Ferguson Avenue  
Wood River, Illinois 62095

Written comments on the permit decision documents may be submitted during the 45-day comment period. Send comments on the draft permit to the Illinois EPA contact listed at the end of this Notice postmarked by midnight, June 23, 2012. In response to public requests or at the discretion of the Agency, a public hearing can be held to clarify technical issues concerning the draft permit decision. A public hearing request must be made in writing and must state the nature of the issue(s) to be raised at the hearing. Written hearing requests should be sent to the Illinois EPA contact listed below. Public notice will be issued 45 days before any hearing.

All comments received will become part of the Administrative Record (AR) and will be evaluated by the Agency in making the final permit decision. The Agency will respond to comments on the draft permit decision and indicate whether additional documents have been included in the AR. Commenters will be notified of the final permit decision and the permit decision appeal process.

The AR, including the permit application, draft permit decision, related information and all data submitted by the applicant, is now available for public inspection by appointment only Monday through Friday between 9:00 a.m. and 5:00 p.m. Please telephone the Illinois EPA contact below for an appointment to view the documents at Illinois EPA's offices in Springfield.

Mara McGinnis, Public Involvement Coordinator (#5)

Illinois Environmental Protection Agency

1021 North Grand Avenue East, P. O. Box 19276

Springfield, Illinois 62794-9276

Phone: 217/524-3288

(TDD: 217-782-9143)

For further RCRA information, go to: <http://www.epa.gov/epawaste/wywd/manag-hw/e00-001a.pdf>



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829  
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

IEPA #: 1191150001

Permit Log #: B1147P

Notice #: PB-08-10

USEPA #: ILD980700967

Initial Publication: September 28, 2010

## PUBLIC NOTICE OF HAZARDOUS WASTE PERMIT RENEWAL

The Illinois Environmental Protection Agency (EPA) hereby gives notice of intent to renew a Resource Conservation and Recovery Act (RCRA) permit held by BP Amoco for their Main Plant facility located at 301 Evans Ave., Wood River, IL 62095. The Main Plant is currently undergoing corrective action under its current RCRA permit. This corrective action-only permit renewal would allow these activities to continue.

The interested public is invited to review copies of the permit application, draft permit renewal and a summary fact sheet at:

Wood River Public Library  
326 E. Ferguson Avenue  
Wood River, Illinois 62095

Written comments on the draft permit may be submitted during the 45-day comment period. Send comments to the Illinois EPA contact listed at the end of this Notice postmarked by midnight, November 12, 2010. In response to public requests or at the discretion of the Agency, a public hearing can be held to clarify technical issues concerning the draft permit. A public hearing request must be made in writing, express opposition to the draft permit and state the nature of the issue(s) to be raised at the hearing. Written hearing requests should be sent to the Illinois EPA contact listed below. Public notice will be issued 45 days before any hearing.

All comments received will become part of the Administrative Record (AR) and will be evaluated by the Agency in making the final permit decision. The Agency will respond to comments on the draft permit and indicate whether additional documents have been included in the AR. Commenters will be notified of the final permit decision and the permit decision appeal process.

The AR, including the permit application, draft permit, related information and all data submitted by the applicant, is now available for public review by appointment only Monday through Friday between 9:00 a.m. and 5:00 p.m. Please telephone the Illinois EPA contact below for an appointment to view the documents at Illinois EPA's offices in Springfield.

Mara McGinnis, Public Involvement Coordinator (#5)

Illinois Environmental Protection Agency

1021 North Grand Avenue East, P. O. Box 19276

Springfield, Illinois 62794-9276

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For further RCRA information, go to: <http://www.epa.gov/epawaste/wycd/manag-hw/e00-001a.pdf>

Rockford • 4302 N. Main St., Rockford, IL 61103 • (815) 987-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 608-3131

Bureau of Land — Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000

Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463

Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

## FACTS ABOUT RCRA



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JUL 6 1993

OFFICE OF RCRA  
WASTE MANAGEMENT DIV.  
EPA REGION 4

# CLOSING HAZARDOUS WASTE FACILITIES

**S**ince the Resource Conservation and Recovery Act (RCRA) was passed in 1976, America has had laws to assure that hazardous waste produced in our space-age society is carefully managed from the time it is created to the time it is destroyed or disposed.

Under this "cradle-to-grave" system, facilities that treat, store and dispose of hazardous wastes (TSD facilities) are strictly regulated. When a facility decides to stop using its tanks, containers, landfills or other hazardous waste management units, their responsibility doesn't stop. Rather, EPA has special rules governing the closing, and the maintenance and monitoring of the units during a "post-closure" period, generally 30 years.

Owners and operators of hazardous waste TSDs must submit plans to EPA and the state describing in detail the proposed closure and post-closure activities. Even new facilities must develop detailed closure and post-closure plans that are included in their permit to operate. The plans must be approved by the appropriate regulatory agency and commented upon by the public before the closure process can begin. This approval process assures that closures will protect human health and the environment.

## Why Do Hazardous Waste Management Units Close?

For a number of reasons, owners of hazardous waste TSD facilities may close individual units at their facility—a "partial closure"—or may close the entire facility at once—a "final closure." The owner may close for the following reasons:

- *Voluntarily.* Closure may occur when a particular unit has reached its capacity or life expectancy, or when the owner decides to get out of the hazardous waste business altogether. This may happen if the owner faces increased liabilities or high expenses to keep the facility running under RCRA regulations.
- *Under pressure.* For example, if an owner faces an expensive enforcement action regarding operation of a unit, he may opt to close rather than continue operating.
- *Under order.* Closure may be required by an order from EPA or the state.

Photograph courtesy of Browning-Ferris Industries, Inc.



# What Actually Happens During Closure and Post-Closure?

The ultimate goal of closure is to prevent any future problems from the hazardous waste management unit. This goal is achieved in one of two ways — either complete removal of the hazardous wastes and cleaning of the unit; or securing of the wastes in the unit so that contaminants can no longer escape to the environment. Typically, containers, tanks and incinerators used to treat and store hazardous waste can simply be closed once the waste is removed, and the structures and surrounding soils are decontaminated. For other units, however, such as landfills, land treatment areas, waste piles, surface impoundments, and tanks that may have leaked, closure has been historically more complex.

❑ **Landfills** are designed for permanent disposal of waste with no intention of waste removal at closure. Instead, during closure of a landfill an impermeable cover is placed over the waste to prevent rainwater from mixing with landfill contaminants and leaking into the groundwater. To detect such potential contamination, groundwater monitoring systems are installed and maintained throughout the post-closure period.

❑ **Land Treatment Units** mix wastes with bacteria in the soil to naturally trans-

form, immobilize or biologically degrade wastes until they are no longer harmful. This kind of unit is closed when new wastes are no longer added, but old waste continues to be treated until it is safe. If the treatment is not successful, however, the treatment unit may require planting of grass or other vegetation to stabilize the soil. The unit may also require groundwater monitoring over the post-closure period.

❑ **Waste Piles.** Waste piles are designed to store solid hazardous wastes on a lined surface, either outdoors or inside a building. Waste piles must be closed by removing the wastes and cleaning the area. If the waste pile has leaked and has contaminated a larger area than can be reasonably cleaned, then the remaining contaminated soils are covered and monitored in the same manner as a landfill.

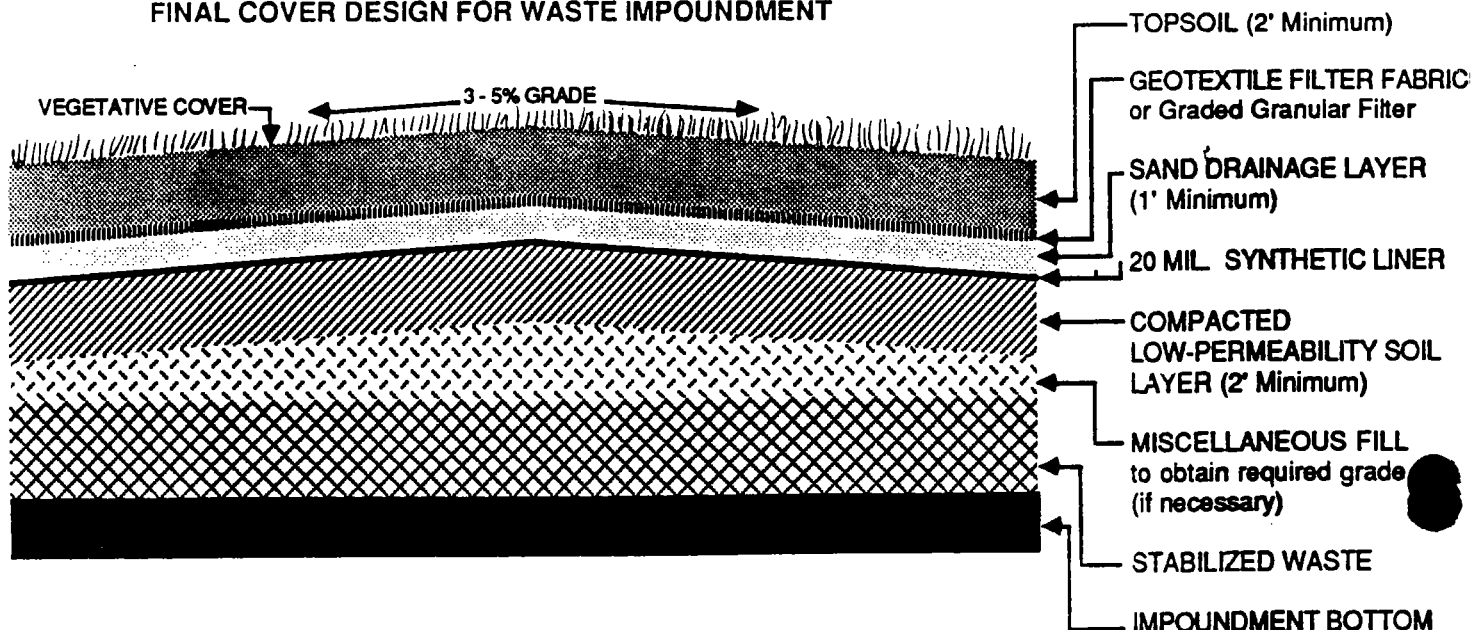
❑ **Surface Impoundments** store hazardous wastes openly in a lined basin. (The impermeable liner keeps wastes from leaching down into groundwater). Impoundments are usually closed after the wastes have been removed, and the liner and soils beneath the unit are decontaminated. The waste and contaminated materials are usually sent off-site to be managed

at another RCRA-regulated TSD facility. If, however, these units cannot be "cleaned" at closure, or if the owner of the impoundments chooses to leave the wastes in the units, then they must be closed as landfills and maintained during the post-closure period.

❑ **Tanks.** New hazardous waste storage tanks have secondary containment systems to collect any leaks from the tanks and prevent them from contaminating the environment. However, many older tanks were not required to have secondary containment, and therefore have a greater potential to leak. When a company decides to close any of its hazardous waste tanks, the tanks must be cleaned. If leaks have occurred, then any contaminated soils and groundwater that cannot be removed must be covered and monitored in the same manner as a landfill.

The units that were closed as landfills need to be monitored for a post-closure period of time, generally 30 years. During this time, if the monitoring shows that groundwater has been contaminated, then the facility must perform corrective action activities to remove and control the contamination. These corrective action activities are described in another Fact Sheet entitled CORRECTIVE ACTION.

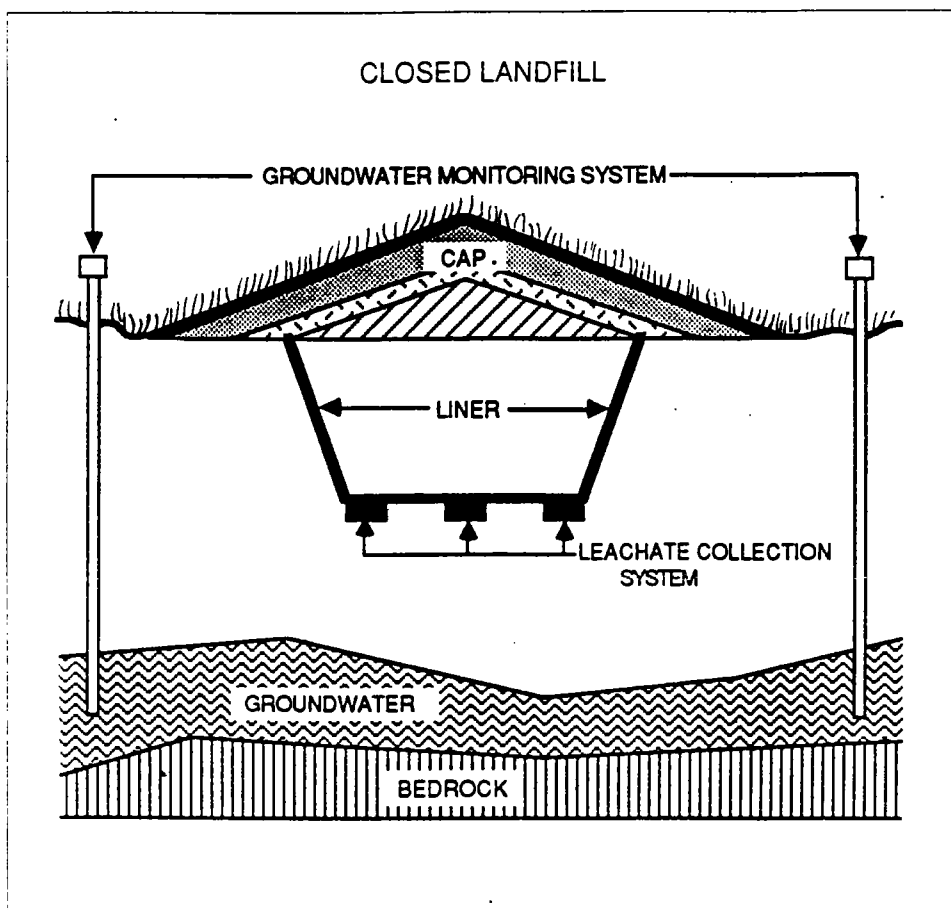
FINAL COVER DESIGN FOR WASTE IMPOUNDMENT



## How Can We Be Sure Facility Owners Can Pay For Closure?

To help assure that enough funds will be available to close facilities and monitor them properly during closure and post-closure, RCRA requires that facility owners/operators demonstrate financial responsibility for these activities. Demonstrating sufficient assets, obtaining letters of credit or promissory backing from the state, or maintenance of insurance or a trust fund are alternatives that may suffice.

Throughout the unit's active life until the post-closure period begins, the owner/operator must also maintain liability assurance to provide for potential injury or property damage.



## How Does The Closure and Post-Closure Plan Approval Process Work?

The closure process proceeds according to the following events:

- A closure plan is received by EPA or the state for review. When the plan is deemed complete, EPA notifies the public.
- The public is given a specified time period during which to comment on the closure plan.
- A public hearing may be held if requested by the public, the EPA Regional Administrator, or state commissioner.
- The closure plan is approved in its original or modified form by EPA or the state, taking into consideration the public comments received.
- The closure proceeds according to the approved plan.

- At the completion of the closure activities, the owner or operator of the facility and an independent, professionally-registered engineer must certify that the hazardous waste management unit has been closed according to the approved plan.

The timing of the plan approval depends on the status of the facility under RCRA:

- For facilities which are allowed to operate under a temporary or "interim" status prior to being fully permitted under RCRA guidelines, closure plans must be approved by the end of the operating life of the unit.
- For fully permitted RCRA facilities, closure plans must be approved before the permit to operate is issued.



## How Can You Be Involved In Closure/Post-Closure Decisions?

The public comment period and public hearing on the closure and post-closure plans are the main opportunities for public participation in the closure and post-closure process, and citizens should not overlook this chance to contribute to the decision. Here, citizens help to ensure that closing a unit will not create future problems. Check your local newspapers for notice of the public comment period and a public hearing if one has been requested (a hearing must be held if any member of the public requests it), and contact your nearest EPA or state office to learn of more opportunities to get involved.

## Suggested Readings

**RCRA Guidance Manual For Subpart G Closure and Post-Closure Care Standards and Subpart H Cost Estimating Requirements**, U.S. EPA, OSWER Policy Directive 9476.00-5, January, 1987.

**Solving the Hazardous Waste Problem: EPA's RCRA Program**, EPA 530/SW-86-037, November, 1986.

**Guidance on Public Involvement in the RCRA Permitting Program**, U.S. EPA, OSWER Policy Directive 9500.00-1A.

## For Further Information

For further information, contact the **RCRA/Superfund Hotline**, Office of Solid Waste (WH-562), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, D.C. 20460. (800) 424-9346 or (202) 383-3000.

For information on specific aspects of RCRA closure and post-closure and on where to obtain other RCRA fact sheets, contact your EPA Regional Office.

### EPA RCRA Fact Sheets

*Land Disposal*  
*Public Involvement*  
*The State and Federal Partnership*  
*Regulating Hazardous Waste*  
*Facilities*  
*Health & Risk Assessment*  
*Corrective Action*  
*Closure/Post-Closure*  
*RCRA / CERCLA Comparison*

**Official Business  
Penalty for Private Use  
\$300**





State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2200 Churchill Road, Springfield, IL 62764-9276

IEPA NO.:191150001  
ILD NO.:ILD980700967  
NOTICE NO.:PB08-93

DATE: June 30, 1993

RECEIVED  
JUL 1 1993  
OFFICE OF RCRA  
WASTE MANAGEMENT  
EPA REGION 5

## PUBLIC NOTICE

The Illinois Environmental Protection Agency (IEPA) and the United States Environmental Protection Agency (U.S.EPA) hereby give notice of intent to issue a joint Resource Conservation and Recovery Act (RCRA) and Hazardous and Solid Waste Amendments (HSWA) post closure care permit to Amoco Wood River Refinery - Main Plant on Route 3 in Wood River, Illinois. The facility's mailing address is 301 Evans, Wood River, Illinois 62095. Amoco will be providing post-closure care including maintenance and groundwater monitoring for two hazardous waste surface impoundments closed (decommissioned) in 1986.

Interested citizens are invited to review copies of the permit application, draft permit decision and related fact sheets at the following location:

Wood River Public Library  
326 E. Ferguson  
Wood River, Illinois 62095  
618/254-4832

Interested citizens may submit written comments on the permit decision documents during the 45 day comment period. All comments should be sent to the Public Involvement Coordinator listed at the end of this Notice postmarked by midnight August 14, 1993. In response to public requests or at the discretion of IEPA or U.S. EPA, a public hearing can be held to clarify one or more issues concerning the draft permit decision. A request for a public hearing must be made in writing and must state the nature of the issue to be raised at the hearing. Written requests should be sent to the Public Involvement Coordinator listed below. Public notice will be issued 45 days before any hearing.

All comments submitted will become part of the Administrative Record and will be evaluated by IEPA and U.S. EPA in making the final permit decisions. The two agencies will respond to comments on the draft permit decision, and indicate whether additional documents have been included in the Administrative Record. Anyone who submits written comments will be notified of the final permit decision and the permit decision appeal process.

The IEPA Division of Land Pollution Control is authorized to administer the RCRA program and, as of April 30, 1990, specific

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1984 HSWA provisions (amending RCRA) that address corrective actions, waste minimization, mixed wastes and other regulatory functions. Corrective Actions are responses required of facilities that have or have had releases of hazardous constituents. IEPA welcomes information from the public that describes any such releases. U.S.EPA is authorized to address newer provisions of HSWA such as land disposal restrictions and some TCLP modifications. For further clarification of program authority, refer to the March 1, 1990 Federal Register, Vol. 55, No. 41, pg 7320.

The permit application, draft permit decision, related information and all data submitted by the applicant, as part of the Administrative Record, are now available for public inspection Monday through Friday between 9:00 a.m. and 5:00 p.m. at the following location:

Illinois EPA  
Office of Community Relations  
Bradley Frost, Community Relations Coordinator  
2200 Churchill Road  
P.O.Box 19276  
Springfield, Illinois 62794-9276  
217-785-8797

Please telephone ahead for an appointment to view the documents.